

Draft WSUD Planning Policy Module

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Water sensitive urban design

Creating more liveable and water sensitive cities in South Australia



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Consultation feedback

Strong interest in further support for WSUD in State planning system (incl. SAPPL)

Interest in WSUD principles and target recognition in SA's planning system



Action 2: Ensure WSUD is strongly supported through the State's land-use planning system

Includes commitment for DPTI with DEWNR support to update SAPPL to support WSUD

Supports 30 Year GAP including:

- *Policies – water: incorporate WSUD techniques in new developments; require WSUD in Structure Plans and Precinct Requirements*
- *Biodiversity target E: minimise discharge of stormwater, pollution and nutrients through adoption of WSUD and ACWQIP policies and targets into Development Plans*

DEWNR liaising with DPTI on possible approach



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SAPPL - Natural Resources

- maximise conservation, minimise consumption, encourage reuse of water
- re-use stormwater where practical... minimise runoff... protect water quality... prevent water pollution... maintain natural hydrological systems
- water discharged should be equivalent or better than pre-developed state
- runoff rate not exceed that which existed pre-development
- include systems to protect it from damage during a minimum 1-in-100 year flood
- contain adequate provision to control site over-flow
- be designed to improve the quality of stormwater and minimise pollutant transfer to receiving waters
- manage rate and duration of stormwater discharges to ensure downstream systems are not overloaded
- minimise discharge of contaminants
- preserve natural drainage systems
- provide that only clean stormwater enters the public stormwater system



Other SAPPL modules

Coastal areas

- stormwater disposed of in a manner that will not cause pollution of marine and on-shore environment

Land division

- stormwater drained in an environmentally sensitive manner

Landscaping

- incorporate open space and landscaping to minimise hard paved surfaces

Medium and High Density

- green roofs encouraged on all new residential, commercial or mixed use buildings

Open space

- design to incorporate re-use of stormwater for irrigation

Residential Development

- allotments sited and designed to accommodate... water sensitive design systems that enable storage, treatment and reuse of stormwater



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Draft (for discussion)

- new SAPPL / proposed State Planning Code module
- meet intent of WSUD policy to strengthen how WSUD is considered
- encourage consideration of State-wide WSUD performance principles and targets
- scope – broad or limited
- allow local interpretation
- guidance
- opportunity to facilitate how WSUD might be supported in a new planning framework



Draft SAPPL WSUD module

- DEWNR liaising with DPTI on the most suitable approach to address the Action 2 commitment
- Welcome feedback (proforma)



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